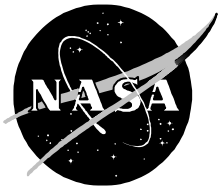


VERSION DESCRIPTION DOCUMENT FOR THE NASA ONLINE CATALOG SYSTEM (NOSC)

Release 3.3

PrISMS Contract

MARCH 2002



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA ONLINE CATALOG SYSTEM (NOSC)
RELEASE 3.3**

Submitted by

Charmaine Styles-Oscarson
Technical Area Lead

Reviewed by
CSC

Lindon Gargis
Agencywide IRM, Property and
Procurement Systems

Jim Cofer
Configuration Management

Hector Garcia
Agencywide IRM

Richard Bishop
DBA

Prepared by

Computer Sciences Corporation, Contract NAS8-60000

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

March 2002

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA ONLINE CATALOG SYSTEM (NOSC)
RELEASE 3.3**

Approved by

Sheila Fogle
Consolidation Center Project Manager

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

March 2002

1.0 INTRODUCTION	1 - 1
1.1 IDENTIFICATION OF THE RELEASE	1 - 1
1.2 PURPOSE OF THE RELEASE	1 - 1
1.3 SCOPE	1 - 1
1.4 CONTACT POINTS.....	1 - 1
2.0 FUNCTIONAL INFORMATION.....	2 - 1
2.1 FUNCTIONAL CHANGES	2 - 1
2.2 FUNCTIONAL INTERFACES.....	2 - 1
2.3 CRITICAL ISSUES.....	2 - 1
2.4 AFFECTED DOCUMENTS	2 - 1
2.5 APPLICATION SYSTEM ADMINISTRATION.....	2 - 1
3.0 TECHNICAL INFORMATION.....	3 - 1
3.1 TECHNICAL SYSTEM INTERFACES.....	3 - 1
3.2 DATA DICTIONARY CHANGES.....	3 - 1
3.3 SOFTWARE OBJECT CHANGES	3 - 1
3.4 DATABASE ADMINISTRATION.....	3 - 1
3.4.1 RELEASE DATASET NAMES.....	3 - 1
3.4.2 INVENTORY OF OBJECTS	3 - 1
3.4.3 STORAGE CONSIDERATIONS	3 - 1
3.4.4 INSTALLATION PROCEDURES	3 - 1
3.5 OPERATIONAL PREPARATION.....	3 - 1
4.0 KNOWN AND OPEN PROBLEMS	4 - 1

APPENDICES

APPENDIX.....	PAGE
A ABBREVIATIONS AND ACRONYMS.....	A - 1
B GLOSSARY	B - 1
C FUNCTIONAL CHANGE VALIDATION PROCEDURES	C - 1
D ADABAS/NATURAL INSTALLATION INSTRUCTIONS	D - 1
E SAMPLE JOB CONTROL LANGUAGE	E - 1
F WEB SERVER INSTALLATION INSTRUCTIONS.....	F - 1

1.0 INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for Release 3.3 of the NASA Online Catalog System (NOSC). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1 IDENTIFICATION OF THE RELEASE

This software release is identified as NOSC, Release 3.3 and has an effective release date of March 22, 2002.

1.2 PURPOSE OF THE RELEASE

This release implements modifications necessitated by the following Change Control Requests (CCR):

CCR 979 – Expand Internet Browser Accessibility

1.3 SCOPE

This VDD provides the functional and technical user of NOSC with information regarding the contents, status, and structure of Release 3.3, including the following:

- Changes implemented since Release 3.0.
- Validation procedures to ensure the reliability of release changes.
- References to other documentation affected by this release.
- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for NOSC is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the functional and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (Identify yourself as SESAAS & NOSC.)

Telephone: (256) 544-6673

Email: charmaine.styles-oscarson@msfc.nasa.gov

FAX: (256) 544-1836

2.0 FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, ADABAS/NATURAL Installation Instructions, describes the ADABAS/NATURAL software changes related to this release.

2.2 FUNCTIONAL INTERFACES

This release has no functional impact on interfaces with any SESAAS (Sustaining Engineering Support for Agencywide Administrative Systems) application.

2.3 CRITICAL ISSUES

The NOSC web application will now run using the following browsers:

- Internet Explorer 5.5 or higher on a PC platform.
- Netscape 4.7 or higher on a PC platform.
- Netscape 4.7 or higher on a MacIntosh platform.

2.4 AFFECTED DOCUMENTS

The following document is affected by this release:

NOSC User and Operations Guide (UOG)

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated with this release.

3.0 TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 TECHNICAL SYSTEM INTERFACES

There are no technical systems interface issues with this release.

3.2 DATA DICTIONARY CHANGES

There are no data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

ADABAS/NATURAL modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for the ADABAS/NATURAL installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction section, for the release dataset names.

3.4.2 Inventory of Objects

Refer to Appendix D, Paragraph 2.1, for an inventory of ADABAS/NATURAL software modules impacted by this release.

3.4.3 Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, ADABAS/NATURAL Installation Instructions for NOSC Software Release 3.3 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedure described in Appendix D for assistance in preparing for proper ADABAS/NATURAL installation and operational use of this release.

4.0 KNOWN AND OPEN PROBLEMS

There are no known or open problems related to this release.

APPENDIX A

ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

NOSC	NASA Online Supply Catalog
CC	Consolidation Center
CCR	Change Control Request
DR	Discrepancy Report
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
VDD	Version Description Document
SSC	Stock Status Code
JIT	Just-In-Time (Electronic Commerce - EC)
ISPR	Issue Stock Transaction
DOST	Due Out Stock Transaction (Backorder)
DIED	Due In Electronic Direct Buy Transaction
DIEC	Due In Electronic Commerce Transaction (JIT Transaction)

APPENDIX B

GLOSSARY

GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of a release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

APPENDIX C
FUNCTIONAL CHANGE VALIDATION
PROCEDURES

FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures for changes in this release.

Section	CCR	Title
1.0	979	Expand Internet Browser Accessibility

1.0 CCR Number 979

Functional Impact

This version of NOSC will now run under Netscape 4.7. Perform the validation procedures below using Netscape 4.7 to ensure each function executes properly with this browser version. Use the following web address for NOSC:

<http://noscap1.nacc.nasa.gov:8080/javadoc/Nosc.htm>

Validation Procedures

- Application Login
 1. Verify version number of NOSC is 3.3.
 2. Verify browser version information indicates Netscape 4.7 may be used on both PC and Macintosh platforms.
 3. Enter login id to verify application access is successful.
- Scans
 1. Verify all hyperlink drill downs and navigation buttons work for NSN Scan and that all pertinent asset data is passed to the subsequent web pages.
 2. Verify all hyperlink drill downs and navigation buttons work for Part Number Scan and that all pertinent asset data is passed to accessed web pages.
 3. Verify all hyperlink drill downs and navigation buttons work for Generic Name Scan and that all pertinent asset data is passed to accessed web pages.
 4. Verify all hyperlink drill downs and navigation buttons work for Technical Name Scan and that all pertinent asset data is passed to accessed web pages.

- Searches
 1. Enter NSN for NSN search. Verify all hyperlink drill downs and navigation buttons work for the search. Verify all pertinent asset data is passed to accessed web pages.
 2. Enter Part Number for Part Number search. Verify all hyperlink drill downs and navigation buttons work for the search. Verify all pertinent asset data is passed to accessed web pages.
 3. Enter Generic Name for Generic Name search. Verify all pertinent asset data is passed to accessed web pages.
- Asset Selection
 1. Verify hyperlink drill down and navigation buttons work for Asset Selection and that all pertinent asset data is passed to accessed web pages.
- Catalog/Detail
 1. Verify passed asset data appears on web page. Verify navigation buttons work and that all pertinent asset data is passed to accessed web pages.
- View Quantity Request (applicable only to centers ordering through NOSC)
 1. Verify passed asset data appears on web page. Verify navigation buttons work and that all pertinent asset data is passed to accessed web page.
 2. Verify message received after submitting quantity request to NSMS on mainframe.
- Order Quantity (applicable only to centers ordering through NOSC)
 1. Verify passed asset data appears on web page. Verify navigation buttons work and that all pertinent asset data is passed to accessed web page.
 2. Verify validation checks are performed for data entered.
 3. Verify message received after submitting quantity request to NSMS on mainframe.
- Order Trace Quantity (applicable only to centers ordering through NOSC)
 1. Verify passed asset data appears on web page. Verify navigation buttons work and that all pertinent asset data is passed to accessed web page.
 2. Verify validation checks are performed for data entered.
 3. Verify message received after submitting quantity request to NSMS on mainframe.

- Administration (applicable only to authorized users)
 1. Verify new users can be added.
 2. Verify users can be updated.
 3. Verify users may be deleted.
 4. Verify listing of users may be displayed.
 5. Verify navigation buttons work and that all pertinent data is passed to accessed web page.
- Order Status (applicable only to centers ordering through NOSC)
 1. Verify order status is displayed for user entered.
 2. Verify navigation buttons work and that all pertinent data is passed to accessed web page.
- Site-Specific Hyperlinks
 1. Verify that any site-specific hyperlinks access appropriate web site.

APPENDIX D
ADABAS/NATURAL
INSTALLATION INSTRUCTIONS
FOR NOSC SOFTWARE RELEASE 3.3

**ADABAS/NATURAL INSTALLATION INSTRUCTIONS
FOR NOSC SOFTWARE RELEASE 3.3**

There are no ADABAS/NATURAL changes associated with this release.

APPENDIX E
SAMPLE JOB CONTROL LANGUAGE FOR
RELEASE 3.3

**SAMPLE JOB CONTROL LANGUAGE
FOR RELEASE 3.3**

There are no JCL changes associated with this release.